

The listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended). Cylinder sleeve for an internal combustion engine, the outer surface of which has at least one roughened region (27, 28, 38 to 43, 54, 54', 61) reaching over its entire axial length, and at least one engagement segment having at least one projection having at least one undercut, at least in its lower region, facing the crankcase, ~~characterized in that~~ wherein the cylinder sleeve is configured as a rough-cast sleeve, the outer surface of which has a roughened region reaching over its entire axial length and consisting of a plurality of elevations (11, 12) with undercuts (13, 14).

Claim 2. (Currently Amended). Cylinder sleeve according to claim 1, ~~characterized in that~~ wherein the height of the elevations (11, 12) amounts to 0.2 mm to 2 mm.

Claim 3 (Currently Amended). Cylinder sleeve (15, 29, 35) according to claim 1 ~~or 2~~, ~~characterized by~~ comprising an outer contour that is elliptical in cross-section.

Claim 4 (Currently Amended). Cylinder sleeve (16, 30, 36) according to claim 1 ~~or 2~~, ~~characterized by~~ comprising an outer contour that consists, in cross-section, of four arc-shaped segments (21 to 24) that are approximately the same size.

Claim 5 (Currently Amended). Cylinder sleeve (17, 31, 37) according to claim 1 ~~or 2~~, ~~characterized by~~ comprising an outer contour that consists, in cross-section, of two arc-shaped segments (25, 26) that lie opposite one another, and two flat segments (27, 28) that lie opposite one another.

Claim 6 (Currently Amended). Cylinder sleeve according to claim 3 ~~to 5~~, ~~characterized in that~~ wherein the outer shape of the cylinder sleeve is formed by means of a sleeve wall thickness that varies over the circumference, at a constant depth of the roughened region.

Claim 7 (Currently Amended). Cylinder sleeve according to claim 3 ~~to 5~~, ~~characterized in that~~ wherein the outer shape of

the cylinder sleeve is formed by a depth of the roughened region that varies over the circumference, at a constant sleeve wall thickness.

Claim 8 (Currently Amended). Cylinder sleeve according to claim 1 ~~one of the preceding claims, characterized in that~~ wherein the at least one flattened region is provided with a step (53) having a flattened region (54) lying radially on the outside, on its lower side facing the crankcase.

Claim 9 (Currently Amended). Cylinder sleeve according to claim 1 ~~one of the preceding claims, characterized in that~~ wherein it consists of cast iron and is produced using the spin casting method.

Claim 10 (Currently Amended). Cylinder sleeve according to claim 1 ~~to 8, characterized in that~~ wherein it consists of an aluminum-silicon alloy.

Claim 11 (Currently Amended). Cylinder sleeve according to claim 10, ~~characterized in that~~ wherein it is produced using the gravity casting method.

Claim 12 (Currently Amended). Cylinder sleeve according to claim 10, ~~characterized in that~~ wherein it is produced using the spin casting method.

Claim 13 (Currently Amended). Cylinder sleeve according to claim 10, ~~characterized in that~~ wherein it is produced using the lost-foam casting method.

Claim 14 (Currently Amended). Cylinder sleeve according to claim 1 ~~to 8~~, ~~characterized in that~~ wherein it consists of a sintered metal.